

Notice of Allowability	Application No.	Applicant(s)	
	09/482,932	PEINADO ET AL.	
	Examiner	Art Unit	
	Salvatore Cangialosi	3621	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/31/05.
2. ☒ The allowed claim(s) is/are 106-115, 117-119, 122-138, 140-142, 145-158, 162 and 163.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).


* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |


SALVATORE CANGIALOSI
PRIMARY EXAMINER
ART UNIT 222

The following is an Examiner's Statement of Reasons for Allowance

Regarding independent claim 106, the prior art fails to show a digital rights management (DRM) system operating on a computing device when a user requests that a protected piece of digital content be rendered by the computer device in a particular manner, the system including: a rendering application by which the requested digital content is rendered, a license store for storing one or more digital licenses on the computing device, the license store providing access to the one or more digital licenses separately from the requested digital content; a license evaluator for determining whether any licenses stored in the license store correspond to the requested digital content, for determining whether any such corresponding licenses are valid, for reviewing license rules in each such valid license, and for determining based on such reviewed license rules whether such license enables the requesting user to render the requested digital content in the manner sought, a state store for maintaining state information corresponding to each license in the license store, the state information being created and updated by the license evaluator; and, a black box for performing encryption and decryption functions as part of the evaluation of any license, wherein the license evaluator selects an enabling, valid license and works with the black box to obtain a decryption key (KD) from the selected license, and wherein the black box employs such decryption key (KD) to decrypt the protected digital content, and wherein the black box decrypts the protected digital content when the license evaluator determines that a license in fact enables the requesting user to render the requested digital content in the manner and complexity recited by the claims. Regarding independent claim 129, the prior art fails to show a computing device having a digital rights management (DRM) system operating thereon when a user requests that a protected piece of digital content be rendered by the computer device in a particular manner, the DRM system including: a rendering application by which the requested digital content is rendered, a license store for storing one or more digital licenses on the computing device, the license store providing access to the one or more digital licenses separately from the requested digital content; a license evaluator for determining whether any licenses stored in the license store correspond to the requested digital content, for determining whether any such corresponding licenses are valid, for reviewing license rules in each such valid license, and for determining based on such reviewed license rules whether such license enables the requesting user to render the requested digital content in the manner sought; a state store for maintaining state information corresponding to each license in the license store, the state information being created and updated by the license evaluator; and a black box for performing encryption and decryption functions as part of the evaluation of any license, wherein the license

evaluator selects an enabling, valid license and works with the black box to obtain a decryption key (KD) from the selected license, and wherein the black box employs such decryption key (KD) to decrypt the protected digital content, and wherein the black box decrypts the protected digital content when the license evaluator determines that a license in fact enables the requesting user to render the requested digital content in the manner and complexity recited by the claims. Regarding independent claim 152 the prior art fails to show a computer-readable medium having computer-executable instructions stored thereon for operating a digital rights management (DRM) system on a computing device when a user requests that a protected piece of digital content be rendered by the computer device in a particular manner, the instructions performing a method including: storing one or more digital licenses in a license store on the computing device, the license store providing access to the one or more digital licenses separately from the requested digital content; determining whether any licenses stored in the license store correspond to the requested digital content, determining whether any such corresponding licenses are valid; reviewing license rules in each such valid license; determining based on such reviewed license rules whether such license enables the requesting user to render the requested digital content in the manner sought, maintaining in a state store on the computing device state information corresponding to each license in the license store, the state information being created and updated; and performing encryption and decryption functions as part of the evaluation of any license, the method comprising selecting an enabling, valid license, obtaining a decryption key (KD) from the selected license, and employing such decryption key (KD) to decrypt the protected digital content, the method comprising decrypting the protected digital content upon determining that a license in fact enables the requesting user to render the requested digital content in the manner and complexity recited by the claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and to avoid processing delays should preferably accompany the Issue Fee. Such submissions should be clearly labeled Comments on Statement of Reasons for Allowance.

Any inquiry concerning this communication should be directed to Salvatore Cangialosi at telephone number **(571) 272-6927**. The examiner can normally be reached 6:30 Am to 5:00 PM, Tuesday through Friday. If attempts to reach the examiner by telephone

Serial Number: 09/482,932
Art Unit: 3621

4

are unsuccessful, the examiner's supervisor, James Trammell, can be reached at **(571) 272-6712**.

Any response to this action should be mailed to:

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

or faxed to (703)872-9306

Hand delivered responses should be brought to

United States Patent and Trademark Office
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314


Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 3600 Customer Service Office whose telephone number is **(703) 306-5771**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status

Serial Number: 09/482,932
Art Unit: 3621

5

information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


SALVATORE CANGIALOSI
PRIMARY EXAMINER
ART UNIT 222